#wordsearch

Description:

A program which displays all the words that can be made by using any subset of the letters in a provided word.

Environment:

Xcode 12
Swift 5
Terminal

How to RUN:

1. Open Terminal
2. Navigate to Project Folder where you can see main.swift file – Ex: cd Desktop/FleetWords/FleetWords
3. Enter Command chmod +x main.swift
4. Pass the parameters and file name – ./main.swift argument1 < filename.txt

Example Input:

./main.swift god < /usr/share/dict/words

Expected Output :

go
god
od
og
do
dog

Constraints:

1. Takes in only 1 argument
2. If no file name is provided PRESS ENTER after passing the argument and program will take default dictionary as an input file

HOW TO RUN THE TESTS:

1. Open Xcode Project
2. Go to FleetWordsTests.swift in the left pane and click on diamond shape beside class name to execute all tests
3. You can also run them with keyboard shortcut Cmd+U
4. If you want to execute testes from tereminal, navigate to the project root folder and enter the following command.

```
xcodebuild test-without-building  -project FleetWords.xcodeproj -scheme FleetWords -destination 'platform=MacOS,arch=x86_64'
```